

Product Name	Confidentiality level
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mToken CryptoID Manager Manual



Century Longmai Technology Co., Ltd.

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Revision Record

Date	Revision Version	Sec No.	Change Description	Author
2015/02/02	V1.0		Initial Version	Longmai ITD
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1. mToken CryptoID Manager

mToken CryptoID Manager is used to manage tokens, which is developed for admin manager only.

Please run *CryptoIDEAdmin.exe* which locates in SDK's tools\CryptoIDEAdmin.

1.1 Basic Functions

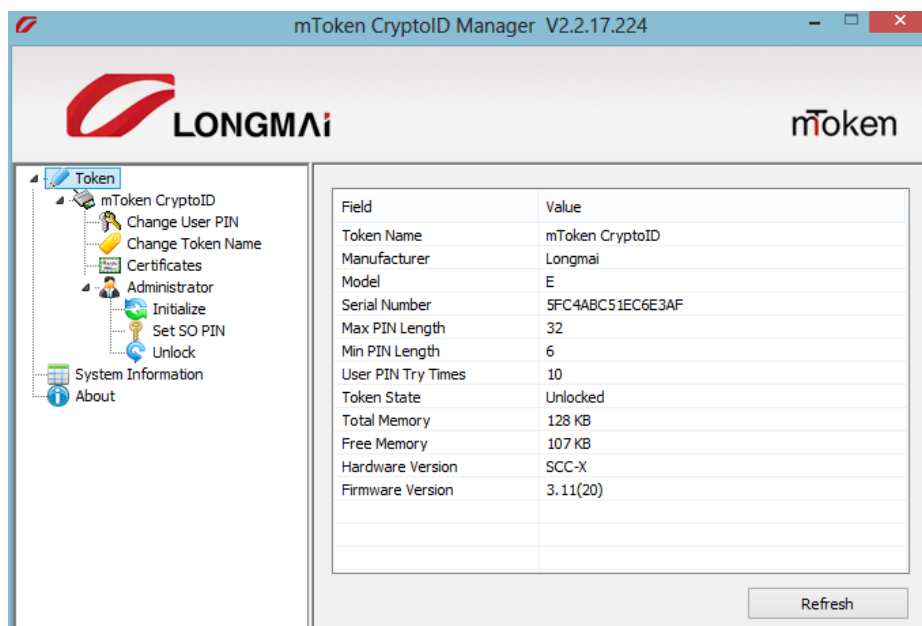
mToken CryptoID Manager's functions include:

1. Change User PIN
2. Change Token Name
3. Import / delete / view certificates
4. Initialize
5. Set SO PIN
6. Unlock

1.2 Basic Operations

1.2.1 Token Parameter Review

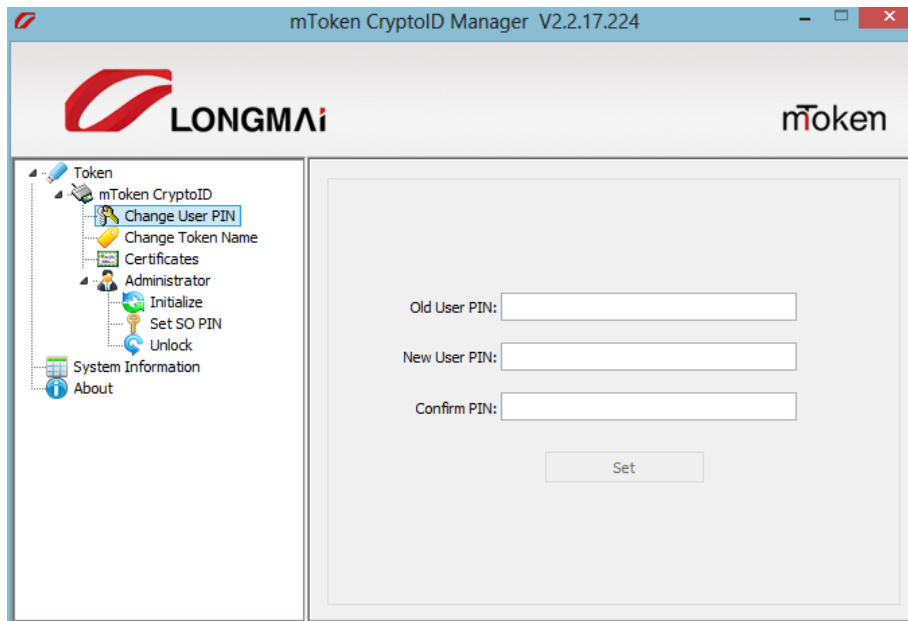
1. Open mToken CryptoID Manager, all the connected devices will be auto-detected and listed in the left Panel.
2. Then select a device name, detailed information about connected token will be shown in the right Panel.



1.2.2 Change User PIN

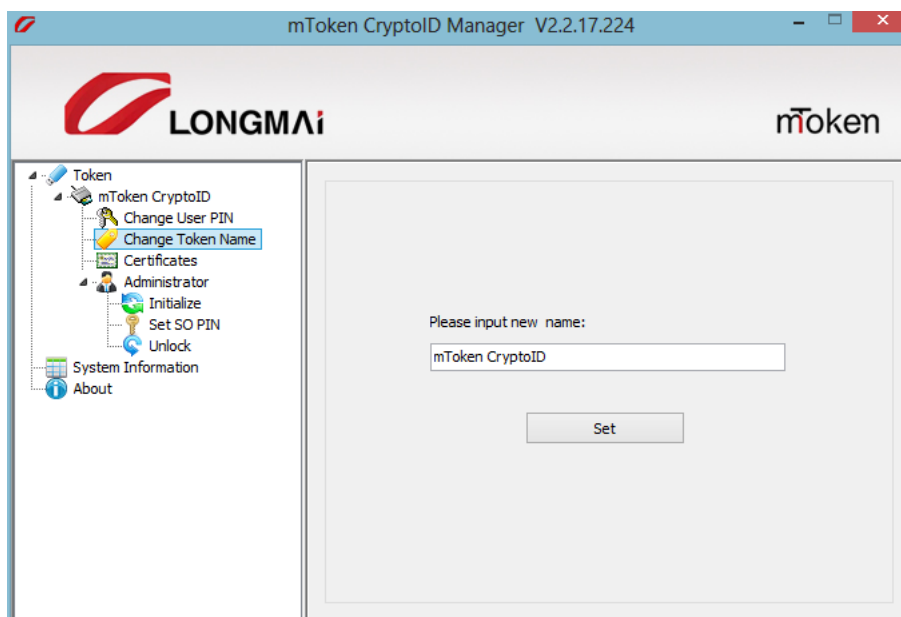
To change User PIN:

1. Select **Change User PIN** in the left tree.
2. Input the old User PIN.
3. Input a new User PIN and a confirm PIN.
4. Click **Set**.



1.2.3 Change Token Name

To change the token's name, select Change Token Name in the left tree and input a new name in the dialog box, click **Set** to save changes.



1.2.4 Certificates

1.2.4.1 Import certificate

To import certificate into the mToken CryptoID, perform the following operations:

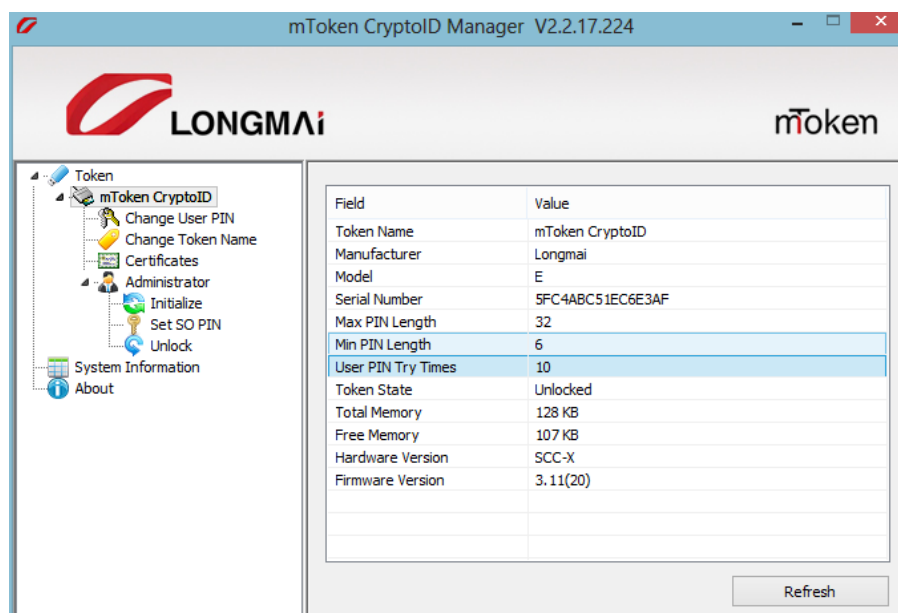
1. Select Certificate in the left tree and input correct User PIN. (Default value is 12345678)



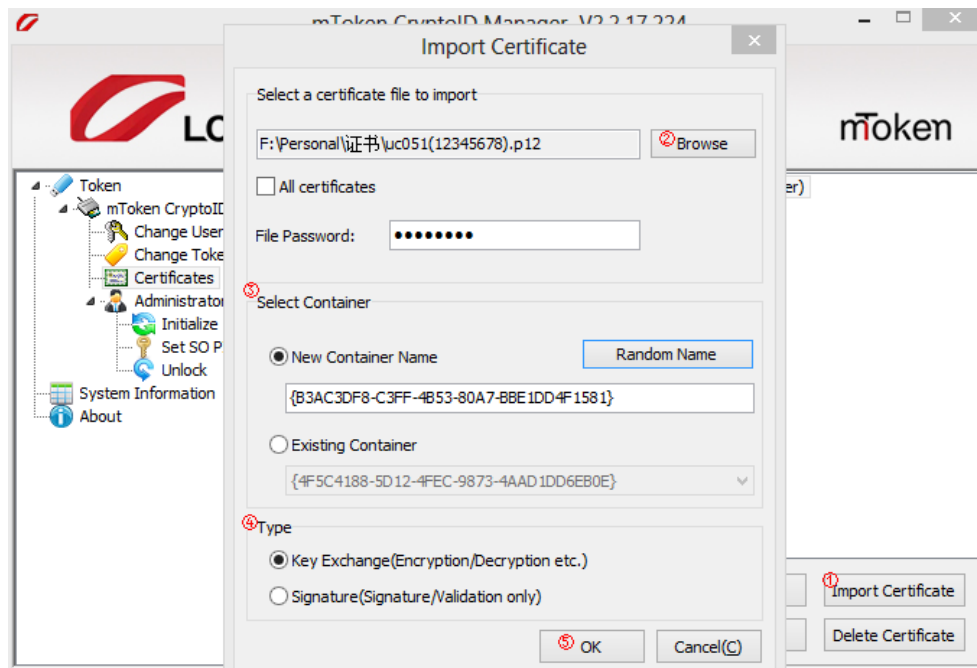
Note: The token will be locked after ten times wrong PIN input. In this case, user has to contact the admin manager to unlock it.

The remaining trials are independent of reconnection and time, but will restore to default value after successful PIN verification.

User can check the **User PIN Try Times** by clicking the device name in the left tree.

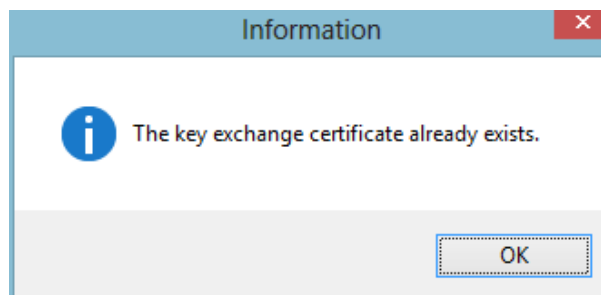


2. Click **Import Certificate**.
3. Click **Browser** to select a certificate.
4. Input its correct password if needed.
5. Select New Container Name (manually input a name or use an auto-name by clicking Random Name button), or select Existing Container (choose from drop-down list)
6. Select the type of the key.
7. Click **OK** to import the key.



Note: A container can contain up to two certificates, but must be different types, for example, if the first one is Key Exchange certificate, the second one must be Signature certificate, vice versa.

Importing a certificate which type already existed in the same container, below window will pop up.

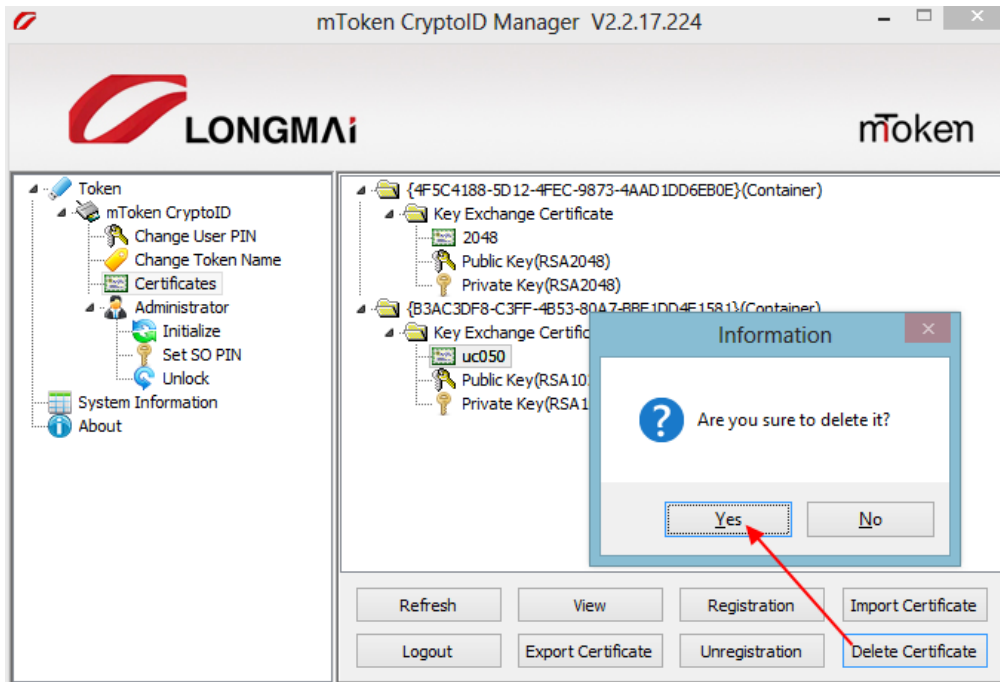


If importing a different type of certificate, the importation can execute successful.



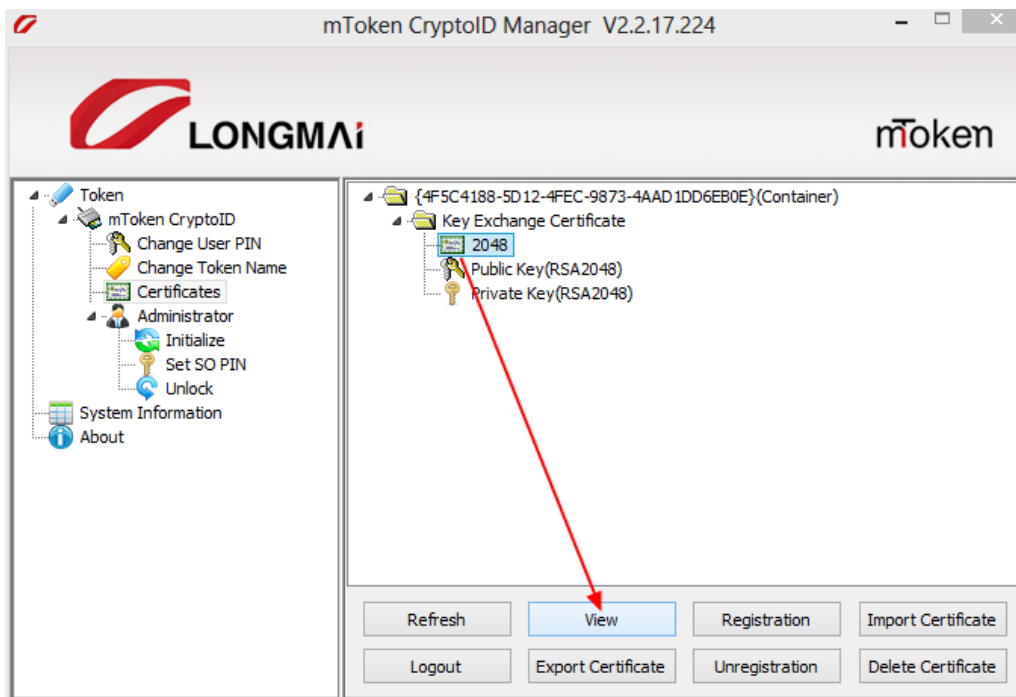
1.2.4.2 Delete container

Select a certificate and click **Delete Certificate**



1.2.4.3 View Certificate

Double-click the certificate **2048** or click the **View** to view the detail info of the certificate (as seen below)

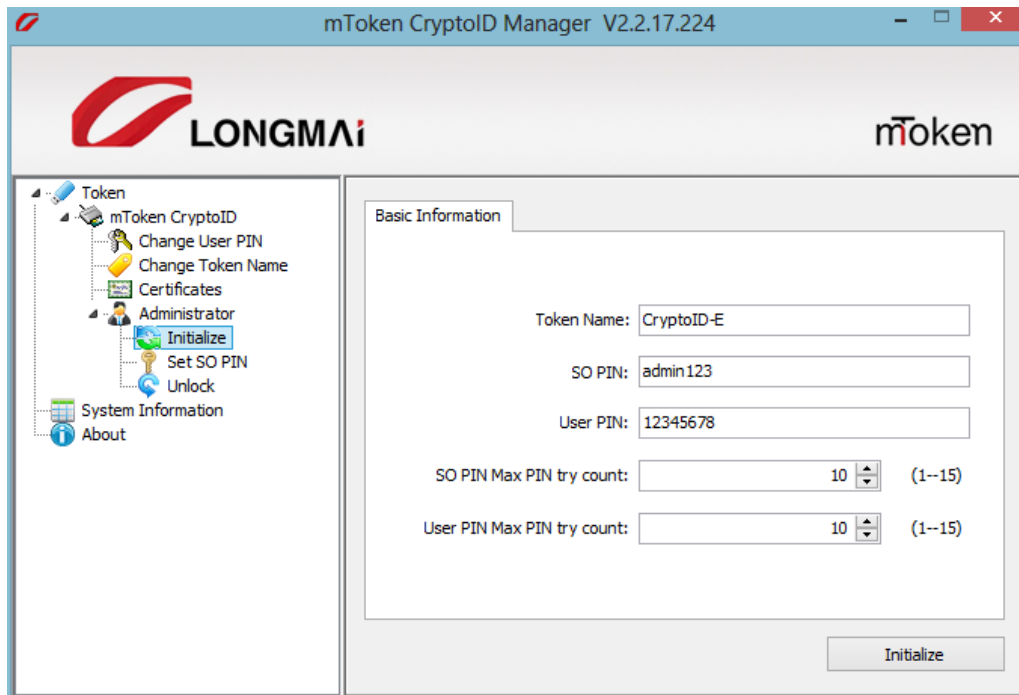


1.3 Administrator Operations

1.3.1 Initialize

To initialize the mToken CryptoID device, perform the following operations:

1. Select Initialize in the left tree.
2. Fill out all input boxes.
3. Click **Initialize** and input the correct SO PIN.



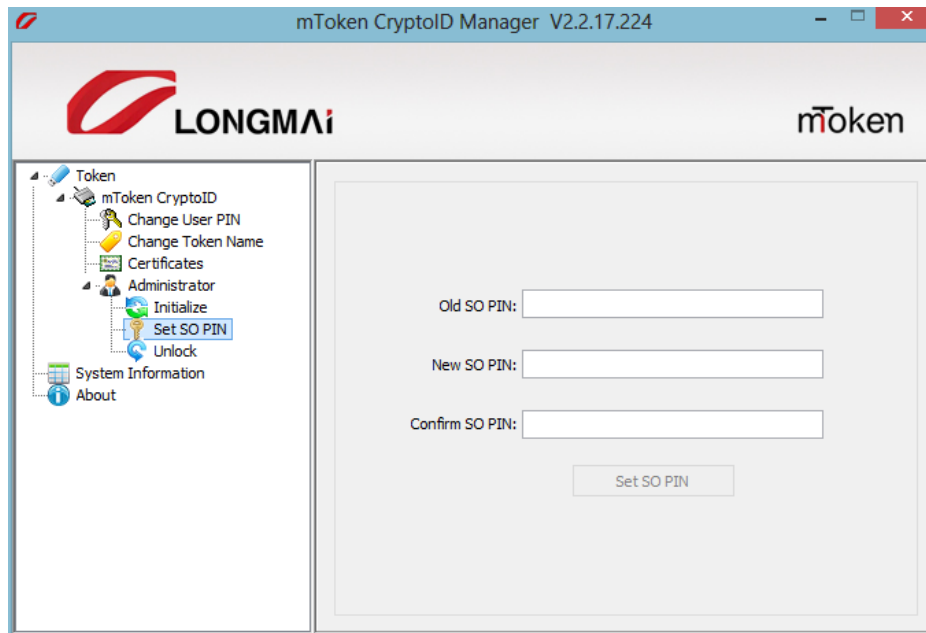
Min PIN length and Max PIN length are limited to 6~32 characters while Max PIN try count is limited to 1~15 trials.

Note: Initialize function should be used carefully, because all containers and certificates will be cleared during this process. In addition, all PINs (including SO PIN) will be reset.

1.3.2 Set SO PIN

If the device administrator needs to change SO PIN, please directly use mToken CryptoID Manager to do this modification.



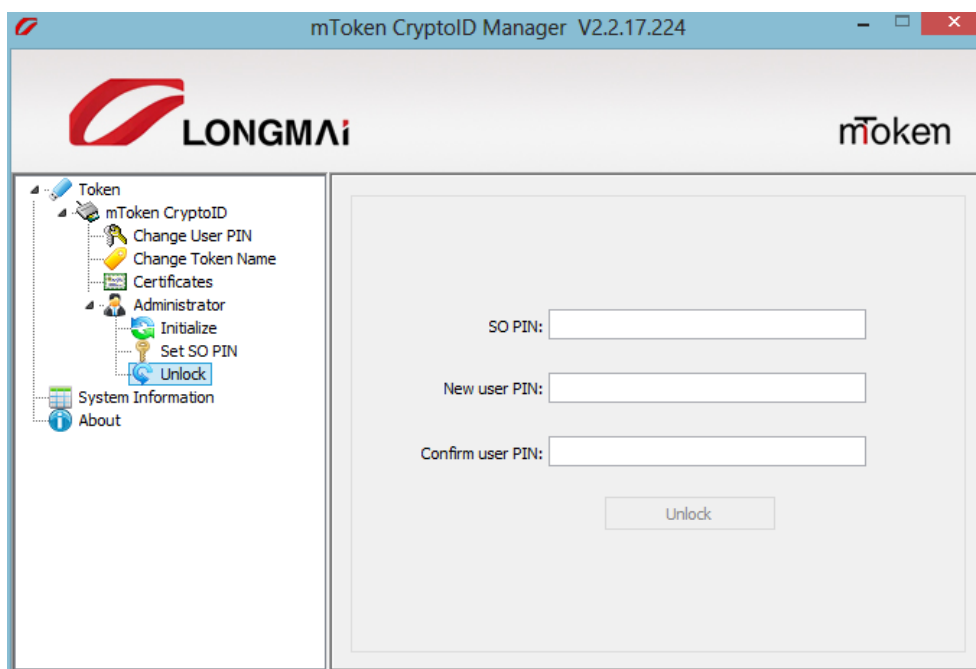


1.3.3 Unlock

In case user forgets the User PIN, manager can use mToken CryptoID Manager to unlock the device.

To unlock the token, perform the following operations:

1. Select **Unlock** in the left tree,
2. Input the correct SO PIN, otherwise can't change the User PIN,
3. Input a new User PIN and confirm it again,
4. Click **OK** to change the User PIN.

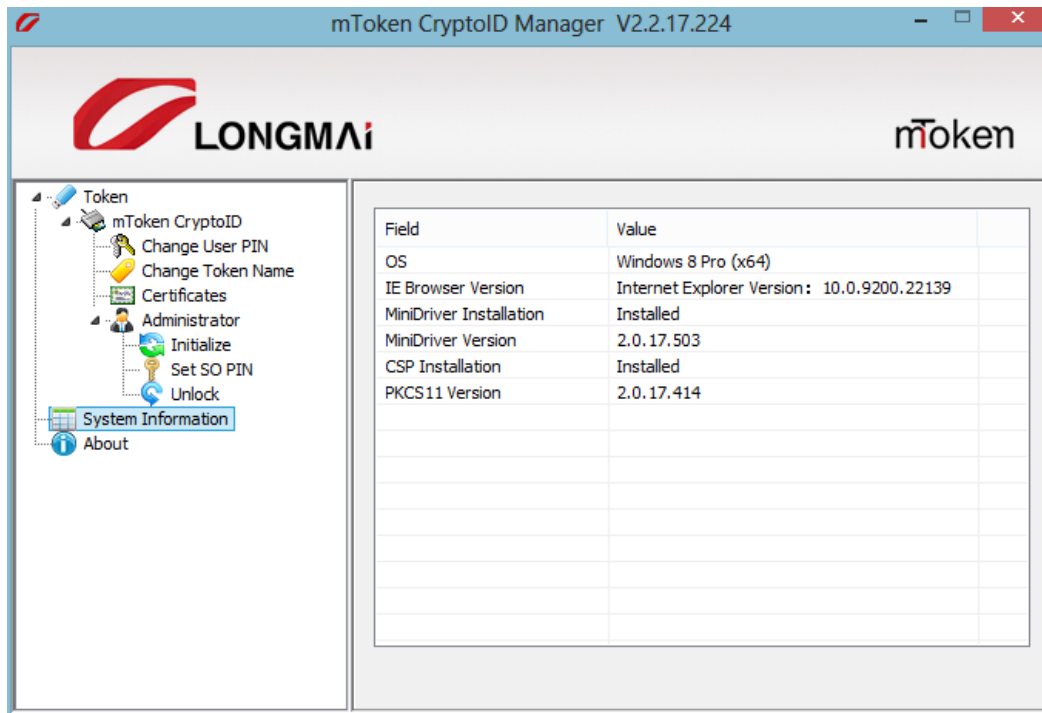


Note: The length of the PIN has to follow the Min PIN and MAX PIN length limitation.



1.4 System Information

By clicking System Information, you can view currently system status



About Century Longmai

Established in 2003, Century Longmai Technology Co., Ltd is one of the most leading information security device vendors in China with over 12 years' experience developing latest generation of digital security solutions and products for secure information access and transmission. Our product portfolios include PKI dongles, wireless PKI tokens, OTP tokens, smart card, smart card readers, electronic document protection solution, software license dongles, Smartcard readers and OEM services. Proved to be secure and convenient, our solutions and products are dedicated to help customers build safe, efficient and sustainable networks, financial systems and enjoy secure access to data and information everywhere whenever they want.

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